

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

FSD-004

First Named Inventor

Anil Singhal

Title

Intrusion Detection System and Network Flow
Director Method**APPLICATION ELEMENTS**
ADDRESS TO: MAIL STOP PATENT APPLICATION
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450
1. ☒ **Fee Transmittal Form**2. ☐**Small Entity Status**☐ Applicant claims small entity status☐ Status established in prior application and is still proper and desired3. ☒ **Specification and Drawings** [Total Pages: 30]- **Written Description** - (16 pages)- **Claims** - (7 pages)- **Abstract** - (1 page)- **Sheets of Drawings** - (6 sheets)☒ **Formal** (Figs. 1-5, 6A & 6B)☐ **Informal**4. ☒ **Oath or Declaration** [Total Pages: 3]a. ☒ **Newly executed (original)**b. ☐ Copy from a prior application

(37 CFR 1.63(d))

(for continuation/divisional with Box 17 completed)

[Note Box 5 below]

5. ☐ **Incorporation by Reference** (usable if Box 4b is checked)

The entire Disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

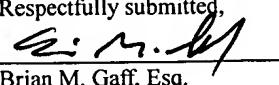
6. ☒ **Application Data Sheet**7. ☐ **Nucleotide and/or Amino Acid Sequence Submission**☐ Computer Readable Copy☐ Paper Copy (identical to computer copy)☐ CD (identical to computer copy)☐ Statement verifying identity of above copies**ACCOMPANYING APPLICATION PARTS**8. ☐ 37 CFR 3.73(b) Statement (when there is an assignee)☐ Power of Attorney9. ☐ English Translation Document (if applicable)10. ☐ Information Disclosure Statement (IDS)/PTO-1449,☐ Copies of IDS Citations11. ☐ Preliminary Amendment☐ Drawings [Total Sheets:]12. ☒ **Return Receipt Postcard** (specifically itemized)13. ☐ Certified Copy of Priority Document(s) (if foreign priority claimed)14. ☐ Nonpublication Request Under 35 U.S.C. 122(b).15. ☐ CD in duplicate for large table or computer program.16. ☐ Other:17. ☐ **If a CONTINUING APPLICATION**, amend the specification by inserting on page 1, before the first line, the sentence:
--This is a☐ continuation ☐ divisional ☐ continuation-in-part of prior application Serial No. _____, filed on _____, the entire disclosure of which is incorporated by reference herein.--

Priority to the above application(s) is claimed under 35 U.S.C. 120.

Prior application information: Examiner: _____ Group/Art Unit: _____

18. ☒ **Priority - 35 U.S.C. 119**☒ Priority of application Serial No. **60/402,255** filed on **08/09/02** are claimed under 35 U.S.C. 119.☐ The certified copy has been filed in prior U.S. application Serial No. ____/____ on ____.☐ The certified copy will follow.**CORRESPONDENCE ADDRESS**
 Direct all correspondence to: Patent Administrator
 Testa, Hurwitz & Thibault, LLP
 High Street Tower
 125 High Street
 Boston, MA 02110
 Tel. No.: (617) 248-7000
 Fax No.: (617) 248-7100
SIGNATURE BLOCK
 Date: August 8, 2003
 Reg. No. 44,691
 Tel. No.: (617) 310-8085
 Fax No.: (617) 790-0332
 Email: gaffi@tht.com

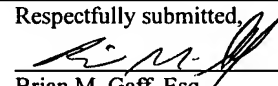
Respectfully submitted,


 Brian M. Gaff, Esq.
 Attorney for Applicants
 Testa, Hurwitz & Thibault, LLP
 High Street Tower
 125 High Street
 Boston, MA 02110

FEE TRANSMITTAL

FY 2003

Complete if Known	
Application Serial Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	Singhal
Group Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket No.	FSD-004

METHOD OF PAYMENT				FEE CALCULATION (continued)																																																																																							
1. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other				3. ADDITIONAL FEES																																																																																							
2. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to credit or charge any fee indicated below for this submission to Deposit Account No. 20-0531. <input type="checkbox"/> Required Fees (copy of this sheet enclosed). <input checked="" type="checkbox"/> Additional fee required under 37 CFR 1.16 and 1.17. <input checked="" type="checkbox"/> Overpayment Credit.				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>130</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>50</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>130</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>2,520</td><td>2,520</td><td>Request for ex parte reexamination</td><td></td></tr> <tr><td>110</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>410</td><td>205</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>930</td><td>465</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1450</td><td>725</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1970</td><td>985</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>320</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>320</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>280</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>130</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>180</td><td>180</td><td>Submission of Information Disclosure Statement</td><td></td></tr> <tr><td>750</td><td>375</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>750</td><td>375</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>100</td><td>100</td><td>Certificate of Correction for applicant's error</td><td></td></tr> <tr><td>110</td><td>55</td><td>Submission of Terminal Disclaimer</td><td></td></tr> <tr><td colspan="2">Other fee (Specify)</td><td></td><td></td></tr> <tr><td colspan="2">Other fee (Specify)</td><td></td><td></td></tr> </tbody> </table>				Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	130	65	Surcharge - late filing fee or oath		50	25	Surcharge - late provisional filing fee or cover sheet		130	130	Non-English specification		2,520	2,520	Request for ex parte reexamination		110	55	Extension for reply within first month		410	205	Extension for reply within second month		930	465	Extension for reply within third month		1450	725	Extension for reply within fourth month		1970	985	Extension for reply within fifth month		320	160	Notice of Appeal		320	160	Filing a brief in support of an appeal		280	140	Request for oral hearing		130	130	Petitions to the Commissioner		180	180	Submission of Information Disclosure Statement		750	375	Filing a submission after final rejection (37 CFR 1.129(a))		750	375	For each additional invention to be examined (37 CFR 1.129(b))		100	100	Certificate of Correction for applicant's error		110	55	Submission of Terminal Disclaimer		Other fee (Specify)				Other fee (Specify)			
Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																								
130	65	Surcharge - late filing fee or oath																																																																																									
50	25	Surcharge - late provisional filing fee or cover sheet																																																																																									
130	130	Non-English specification																																																																																									
2,520	2,520	Request for ex parte reexamination																																																																																									
110	55	Extension for reply within first month																																																																																									
410	205	Extension for reply within second month																																																																																									
930	465	Extension for reply within third month																																																																																									
1450	725	Extension for reply within fourth month																																																																																									
1970	985	Extension for reply within fifth month																																																																																									
320	160	Notice of Appeal																																																																																									
320	160	Filing a brief in support of an appeal																																																																																									
280	140	Request for oral hearing																																																																																									
130	130	Petitions to the Commissioner																																																																																									
180	180	Submission of Information Disclosure Statement																																																																																									
750	375	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																									
750	375	For each additional invention to be examined (37 CFR 1.129(b))																																																																																									
100	100	Certificate of Correction for applicant's error																																																																																									
110	55	Submission of Terminal Disclaimer																																																																																									
Other fee (Specify)																																																																																											
Other fee (Specify)																																																																																											
3. <input type="checkbox"/> Applicant claims small entity status.																																																																																											
FEE CALCULATION																																																																																											
1. FILING FEE																																																																																											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>750</td><td>Utility filing fee</td><td>750.00</td></tr> <tr><td>330</td><td>Design filing fee</td><td></td></tr> <tr><td>160</td><td>Provisional filing fee</td><td></td></tr> </tbody> </table>				Large Entity Fee (\$)	Fee Description	Fee Paid	750	Utility filing fee	750.00	330	Design filing fee		160	Provisional filing fee																																																																													
Large Entity Fee (\$)	Fee Description	Fee Paid																																																																																									
750	Utility filing fee	750.00																																																																																									
330	Design filing fee																																																																																										
160	Provisional filing fee																																																																																										
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Number Filed</th> <th>Number Extra</th> <th>Rate</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>43</td> <td>- 20 = 23</td> <td>x \$ 18.00 =</td> <td>414.00</td> </tr> <tr> <td>Independent Claims</td> <td>4</td> <td>- 3 = 1</td> <td>x \$ 84.00 =</td> <td>84.00</td> </tr> <tr> <td colspan="4"><input type="checkbox"/> Multiple Dependent Claim(s), if any</td> <td>\$280.00 = 0.00</td> </tr> <tr> <td colspan="4" style="text-align: right;">TOTAL:</td> <td>1,248.00</td> </tr> <tr> <td colspan="4" style="text-align: right;">SMALL ENTITY DISCOUNT:</td> <td>0.00</td> </tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL (1)</td> <td>(\$ 1,248.00)</td> </tr> </tbody> </table>					Number Filed	Number Extra	Rate	Amount	Total Claims	43	- 20 = 23	x \$ 18.00 =	414.00	Independent Claims	4	- 3 = 1	x \$ 84.00 =	84.00	<input type="checkbox"/> Multiple Dependent Claim(s), if any				\$280.00 = 0.00	TOTAL:				1,248.00	SMALL ENTITY DISCOUNT:				0.00	SUBTOTAL (1)				(\$ 1,248.00)																																																					
	Number Filed	Number Extra	Rate	Amount																																																																																							
Total Claims	43	- 20 = 23	x \$ 18.00 =	414.00																																																																																							
Independent Claims	4	- 3 = 1	x \$ 84.00 =	84.00																																																																																							
<input type="checkbox"/> Multiple Dependent Claim(s), if any				\$280.00 = 0.00																																																																																							
TOTAL:				1,248.00																																																																																							
SMALL ENTITY DISCOUNT:				0.00																																																																																							
SUBTOTAL (1)				(\$ 1,248.00)																																																																																							
2. AMENDMENT CLAIM FEES																																																																																											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Claims Remaining After Amend.</th> <th>Highest No. Previously Paid For</th> <th>Present Extra</th> <th>Rate</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total</td> <td>-</td> <td>=</td> <td>x \$ 18.00 =</td> <td></td> </tr> <tr> <td>Indep.</td> <td>-</td> <td>=</td> <td>x \$ 84.00 =</td> <td></td> </tr> <tr> <td colspan="4"><input type="checkbox"/> First Presentation of Multiple Dep. Claim</td> <td>+ \$280.00 =</td> </tr> <tr> <td colspan="4" style="text-align: right;">TOTAL:</td> <td>(\$)</td> </tr> <tr> <td colspan="4" style="text-align: right;">SMALL ENTITY DISCOUNT:</td> <td>(\$)</td> </tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL (2)</td> <td>(\$ 0.00)</td> </tr> </tbody> </table>				Claims Remaining After Amend.	Highest No. Previously Paid For	Present Extra	Rate	Fee Paid	Total	-	=	x \$ 18.00 =		Indep.	-	=	x \$ 84.00 =		<input type="checkbox"/> First Presentation of Multiple Dep. Claim				+ \$280.00 =	TOTAL:				(\$)	SMALL ENTITY DISCOUNT:				(\$)	SUBTOTAL (2)				(\$ 0.00)	SUBTOTAL (3) (\$ 0.00)																																																				
Claims Remaining After Amend.	Highest No. Previously Paid For	Present Extra	Rate	Fee Paid																																																																																							
Total	-	=	x \$ 18.00 =																																																																																								
Indep.	-	=	x \$ 84.00 =																																																																																								
<input type="checkbox"/> First Presentation of Multiple Dep. Claim				+ \$280.00 =																																																																																							
TOTAL:				(\$)																																																																																							
SMALL ENTITY DISCOUNT:				(\$)																																																																																							
SUBTOTAL (2)				(\$ 0.00)																																																																																							
				SUBTOTAL (1) 1,248.00 SUBTOTAL (2) 0.00 SUBTOTAL (3) 0.00																																																																																							
				TOTAL (\$ 1,248.00)																																																																																							
CORRESPONDENCE ADDRESS				SIGNATURE BLOCK																																																																																							
Direct all correspondence to: Patent Administrator Testa, Hurwitz & Thibault, LLP High Street Tower-125 High Street Boston, MA 02110 Tel. No.: (617) 248-7000 Fax No.: (617) 248-7100				Respectfully submitted,  Date: August 8, 2003 Reg. No.: 44,691 Tel. No.: (617) 310-8085 Fax No.: (617) 790-0332 Email: gaff@tth.com Brian M. Gaff, Esq. Attorney for the Applicants Testa, Hurwitz & Thibault, LLP High Street Tower-125 High Street Boston, MA 02110																																																																																							